

CLASSIFICATION:

UNCLASSIFIED**BUDGET ITEM JUSTIFICATION SHEET
P-40**

DATE:

February 2004

APPROPRIATION/BUDGET ACTIVITY

Aircraft Procurement, Navy / B/A-7 Ground Support Equipment & Facilities

P-1 ITEM NOMENCLATURE

BLI 072000**War Consumables (J7C5 & 47C5)**

Program Element for Code B Items:

Other Related Program Elements

	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total	Total
QUANTITY N/A												
COST (In Millions)	412,752		13,263	13,248	9,070	8,393	12,851	18,266	10,155	Continuing	Continuing	Continuing

The WAR CONSUMABLES P-1 line item has two subcategories: Common Aircraft Armament Equipment (AAE) and War Consumables. The Common AAE program procures common bomb racks and peculiar bomb racks and launchers for out-of-production aircraft. The War Consumables portion funds procurement of airborne equipment which can be suspended, released, or jettisoned from aircraft, specifically aerial refueling stores.

COMMON AIRCRAFT ARMAMENT EQUIPMENT (AAE)

As directed by OPNAVINST 8000.16, this project corrects deficiencies and provides quantitative sustainment for Aircraft Armament Equipment having multiple aircraft applications. The appropriation provides for procurement of new AAE to replace attrition losses, provides for production engineering support, and satisfies commonality policy goals set forth by the Navy's Strike Warfare Master Plan. This account also procures High Pressure Pure Air Generators (HIPAG) for AV-8B and AH-1W/Z aircraft. HIPAG is an on-board coolant generator for IR seeking missiles which eliminates the burdens associated with high pressure vessels used previously. HIPAG is particularly suited to the austere environment encountered by forward deployed VTOL aircraft.

WAR CONSUMABLES

The War Consumables program, PE 0204161N, finances Aerial Refueling Systems, Hose Reel, and External Tank procurements. Requirements are determined by an inventory objective, which supports peacetime/wartime needs. War Consumable items are inventory managed by the Naval Inventory Control Point, Philadelphia and are under Naval Air Systems Command program and technical management. Aircraft equipped with the A/A42R-1 aerial refueling stores (ARS) are required for all carrier based tanking missions (overhead tanking (primarily recovery focused), strike, and yo yo tanking). Total reliance on the ARS and integration to the F/A-18E/F requires substantial improvements to the existing stores to ensure their viability through 2040. Investigation of major subsystems in pursuit of life cycle cost savings, mitigation of flight safety risk, and reliability enhancements have identified a large dollar value return on investment for service life extension, reduction in flight safety risk, and areas where reliability improvements can be realized.

P-1 SHOPPING LIST

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BUDGET ITEM JUSTIFICATION SHEET FOR AGGREGATED ITEMS P-40a							DATE: February 2004				
APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy / B/A-7 Ground Support Equipment & Facilities							P-1 ITEM NOMENCLATURE War Consumables (J7C5 & 47C5)				
Procurement Items	ID Code	Prior Years	FY 2003	FY 2004	FY 2005					To Complete	
High Press. Pure Air Ger	A										
Quantity		750	25	25	19						
Funding		27,881	1,125	1,150	893						
Other Costs		203,783	6,417	6,404	4,794						
Total AAE Funding		231,664	7,542	7,554	5,687						
Total War Consumables Funding		181,050	5,721	5,694	3,383						
TOTAL P-1 line item		412,714	13,263	13,248	9,070						

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WEAPONS SYSTEM COST ANALYSIS P-5							Weapon System			DATE: February 2004						
APPROPRIATION/BUDGET ACTIVITY							ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD								
Aircraft Procurement, Navy / B/A-7 Ground Support Equipment & Facilities							War Consumables (J7C5 & 47C5)									
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS													
			Prior Years				FY2003			FY2004			FY 2005			
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	COMMON AAE															
73600	Bomb Rack Upgrade & Install	A	15,681						591			1,109			567	
73600	LAU-7 Upgrade & Installation	A	27,609						3,233			2,594			2,001	
73600	High Press. Pure Air Gen.	A	27,881				25	45	1,125	25	46	1,150	19	47	893	
73600	ILS		3,515						420			417			430	
73600	Product Improvement		8,118						510			511			515	
73600	Product Engineering		17,736						1,663			1,773			1,281	
	Various (1)		131,124													
	TOTAL COMMON AAE		231,664						7,542			7,554			5,687	
	WAR CONSUMABLES															
73500	Aerial Refueling Stores		14,670						4,961			4,904			2,563	
73500	Production Support		4,420						760			790			820	
73500	Various (1)		161,960													
	TOTAL WAR CONSUMABLES		181,050						5,721			5,694			3,383	
(1) The amount identified against this cost element reflects total prior year funding associated with cost elements no longer financed in FY 00 and beyond.																

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE February 2004			
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy / B/A-7 Ground Support Equipment & Facilities					C. P-1 ITEM NOMENCLATURE War Consumables				SUBHEAD J7C5	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
<u>High Pressure Pure Air Generator (Common AAE)</u>										
FY-03	25	45	NAVAIR	Jan-03	S/FP	Ultra Electronics, England	May-03	Oct-03	Yes	N/A
FY-04	25	46	NAVAIR	Aug-03	S/FP	Ultra Electronics, England	Dec-03	May-04	Yes	N/A
FY-05	19	47	NAVAIR	Aug-04	S/FP	Ultra Electronics, England	Dec-04	May-05	Yes	N/A
D. REMARKS										

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FY 2004/2005 BUDGET PRODUCTION SCHEDULE, P-21										DATE February 2004				
APPROPRIATION/BUDGET ACTIVITY					Weapon System		P-1 ITEM NOMENCLATURE (J7C5)							
Aircraft Procurement, Navy / BA-7							War Consumables							
Ground Support Equipment & Facilities					Annual Production Rate		Procurement Leadtimes							
Item	Manufacturer's Name and Location					MSR	ECON	MAX	ALT Prior to Oct 1	ALT After Oct 1	Initial Mfg PLT	Reorder Mfg PLT	Total	Unit of Measure
High Pressure Pure Air Generator	ULTRA Electronics, England					100	300	500		3	5	5	8	E

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2002												FISCAL YEAR 2003												B A L
						CALENDAR YEAR 2002												CALENDAR YEAR 2003												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
High Press. Air Gen.																														
Ultra Electronics	03	N	25	0	25																						25			

ITEM / MANUFACTURER	F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004												FISCAL YEAR 2005												B A L
						CALENDAR YEAR 2004												CALENDAR YEAR 2005												
						O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	
Ultra Electronics	03	N	25	0	25	5	5	5	5	5																	0			
Ultra Electronics	04	N	25	0	25								5	5		5	5	5									0			
Ultra Electronics	05	N	19	0	19														A				5	5	5	4	0			